

ABSTRACT

A cycloolefin copolymer resin having a Hunter b color value of less than 1.0, which resin comprises:

- 5 (a) a first cycloolefin copolymer having a glass transition temperature of from about 100°C to about 220°C and an intrinsic viscosity of from about 5 to about 1000 ml/g as measured in decalin at 135 °C,
- 10 (b) up to about 10% by weight, based on the total weight of the resin, of a second cycloolefin copolymer, said second copolymer having a glass transition temperature of greater than about 50°C and an intrinsic viscosity of from about 1 to about 500 ml/g as measured in decalin at 135 °C, and
- 15 (c) from about 0.01% to about 3%, based on the total weight of the resin, of at least one lubricant selected from the group consisting of fatty acid esters of aliphatic polyhydric alcohols,
- 20 with the proviso that the glass temperature of the second cycloolefin copolymer is at least 25°C lower than the glass transition temperature of the first cycloolefin copolymer, said resin being suitable for use in precision optical applications.